



설명서

 대안 출원자장 미기출원자장

WIPO Patent Search

상세보기

 INPADOC 문서보기 원문보기

(54) ANTIMICROBIAL RESIN COMPOSITION

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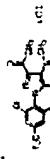
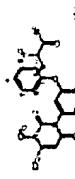
• (57) 요약 (Abstract) :

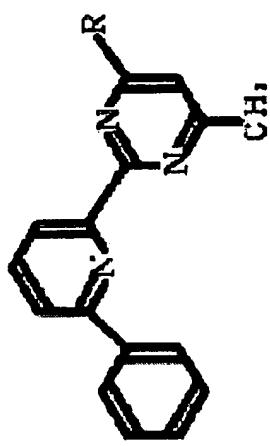
PROBLEM TO BE SOLVED: To obtain a resin composition by using a specific compound capable of standing a high temperature when a plastic is processed, not damaging basic performances of a plastic, showing high antibacterial actions having high light-resisting performances.

SOLUTION: This composition is obtained by mixing a resin with a pyridyl pyrimidine compound of the formula (R is H, a lower alkyl or a lower alkoxy). Especially, 4,6-dimethyl-2-(6-phenylpyridin-2-yl)pyrimidine is preferable as the compound of the formula. A polyvinyl chloride-based resin, a polyolefin resin or an acrylonitrile-butadiene-ethylene-copolymer resin is preferable as the resin. The amount of the compound of the formula to the resin is preferably $\geq 0.001\text{wt.}\%$ and $\leq 10\text{wt.}\%$, especially $\geq 0.05\text{wt.}\%$ and $\leq 1\text{wt.}\%$ based on the total of the composition. The antimicrobial resin composition is capable of preventing stains caused by molds, etc., of an electric household appliances, an office automation apparatus, an agricultural film, a tent, etc.

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한국형 수지 조성물

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Basic Patent



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